

WHAT IS CLAIMED IS:

1. A limiter-circuit comprising:

a transmission line of quarter-wave length which has a
5 predetermined characteristic impedance and which includes a
signal line conductor and a common line conductor;

a first limiter element connected, through a terminator,
between the signal line conductor and the common line
conductor at one side of the transmission line;

10 a first DC return element connected in parallel with the
first limiter element;

a second limiter element connected between the signal
line conductor and the common line conductor at another side
of the transmission line; and

15 a second DC return element connected to in parallel
with the second limiter element.

2. A limiter-circuit according to claim 1, wherein:

each of said first and second DC return elements
20 comprises a high characteristic impedance line of a
quarter-wave length.

3. A limiter circuit according to claim 1, wherein each of
said first and second limiter elements comprises a PIN diode.

25 4. A limiter circuit according to claim 1, further

comprising signal line input and output ends and common line input and output ends, and wherein said first DC return element has one end connected to the a portion between the common line input end and the common line conductor and
5 another end connected to a portion between the first limiter element and the terminator.